

**WO 01/11702 A1**

**PCT/DE00/02723**

Dr. Georg Mermigidis  
Agiou Dimitriou 74  
GR-60100 Katerini  
Greece  
Phone/Fax: 0030351/35609  
Email : GMermi@aol.com

**RECEIVED  
CENTRAL FAX CENTER**

Katerini, 07 February 2004

**FEB 10 2004**

**OFFICIAL**

U.S. Department of Commerce  
Commissioner for Patents  
Organization TC1700, Bldg./Room CP3  
P.O. Box 1450  
Alexandria, VA 22313-1450  
United States of America

Phone:001703-308-0840  
Fax: 001703-872-9306

**Appl. No. 09/806,346, Conf. No. 8557, PCT/DE00/02723, Examiner: Alan Diamond**

Dear Alan Diamond,

Thank you for your detailed action from 05 November 2003.

Paragraph 1:

At the moment I am in negotiation with a few patent attorney like Oblan Spivak Mc Clelland Maier & Neustadt, Foley & Lardner, The Web Law Firm and Keil & Weinkauff. The problem I had is their high registration fees, but I hope that one of them will contact you in the next week.

I want to apologize myself for the late nomination of a patent attorney, but on the one hand I lose time because of Christmas and New Year and on the other hand I wait for the respond from my German Patent Attorney to the European Patent Office, to see if it make sense to go on with my patent application in USA or not. The European Patent Office argument in the same way like you and they cited the following patents: EP-A-0 928 036, US-A-4 293 396, US-A-5 783 325 and US-A-5 525 440. Therefore I pleased you to extend the deadline for another two weeks, to fulfil your demands.

Paragraph 2:

I called up WIPO and they agreed to send out another copy of the German foreign priority document 19937910.6, I hope you have already get it.

Paragraph 3:

I have correct the abstract page and formulate it more precisely to point out the different between my invention and the cited references.

**WO 01/11702 A1****PCT/DE00/02723**

Paragraph 4:

I have make the corrections and insert the new heading.

Paragraph 5:

See new claims which are reduced from 10 to 5 claims, translated from the respond to the action of the European patent office.

Paragraph 6:

I have corrected the mistakes and add the missing period and word "and"

Paragraph 7, 8 :

I personally prefer the version from the German Patent Attorney, translated by my own into English. I hope that this new formulated version of claim 1 and 2 is also acceptable for you.

Paragraph 9, 10 :

Sugawara used platinum catalyst to get the necessary conductivity of his paste. One of the aims of my invention is to avoid the use of noble metals to make it possible to produce cheaper. He also need to used PTFE, a binder, which reduce the conductivity of his paste and he also need carbon paper and carbon fibers to get the necessary stiffness . All those adds are necessary to avoid the well known problems when you want to produce an electrode by using a printable carbon paste as an electrode material. In my invention all this problems have been solved. In additional to that, I don't need to use alcohol to support the drying of the paste, I used only aprotic solvents.

Paragraph 11, 12, 13:

Kawahara, Ueyama and Rohland need also to use catalyst carrying carbon, what means metal coated carbon to solve their conductivity problem. I work without the use of noble metals, I use therefore conductive carbon black and graphite powder.

In additional to that, I have make a few changes in the description to point out the difference from my invention to the references so that the claims become more clearer, see the fat marked and underlined words.

Yours sincerely

Fax: 13 pages



Dr. George Mermigidis